

REMARKS

The title of the invention is amended as requested by the Examiner.

New claims 62-65 are added. Support for the new claims is provided by exemplary embodiments of the invention at, for example, paragraphs 0031-0042 and Fig. 2.

Claims 4, 7 and 60 are rejected under 35 U.S.C. §102(b) as being anticipated by Huang, et al. (U.S. Patent No. 6,218,731). Claims 2-4, 7-8, 57-59, and 61 are rejected under 35 U.S.C. §102(a) as being anticipated by Applicant Admitted Prior Art (AAPA). Claim 4 is rejected under 35 U.S.C. §103(a) as being anticipated over AAPA in view of Hashimoto (US Patent No. 6,486,544).

Regarding the anticipation rejection against independent claim 7 based on Huang, independent claim 7 recites "the contact pads being entirely contained within the openings." The Examiner relies on openings 112 and contact pads 108/120 of Huang to allegedly teach the positively recited limitations (pg. 3 of paper no. 20070615). However, Huang teaches contact pads 120 **are not entirely contained within** openings 112 (see Fig. 3 of Huang), and therefore, contact pads 120 of Huang do not teach the positively recited "contact pads" of independent claim 7 (leaving only contact pads 108 of Huang to address). Moreover, independent claim 7 further recites "wherein an entirety of at least one of the contact pads is elevationally spaced from at least one of the first and the second surfaces of the dielectric support member." However, contact pads 108 of Huang extend entirely through support 104 to have each opposite end of contact pads 108 *coplanar* with respective opposite surfaces of support 104. Therefore, contact pads 108 of Huang do not teach the positively recited "an entirety of at least one of the contact pads is **elevationally spaced from at least one of the first and the second surfaces of the dielectric support**

member." Accordingly, the contact pads 108/120 of Huang and selected by the Examiner fail to teach or suggest the positively recited limitations of independent claim 7. Consequently, independent claim 7 is allowable over Huang.

Regarding the anticipation rejection against independent claim 7 based on AAPA, independent claim 7 recites "an interposer construction containing only a single dielectric support member." The AAPA interposer construction 14 represented by Fig. 1 of the present application **explicitly states** that the AAPA interposer construction 14 contains "two dielectric support members (15 and 20)" (0040 of present application) *and not* "only a single dielectric support member" as positively recited by claim 7. Accordingly, it is inconceivable that the AAPA teaches an interposer construction containing only a single dielectric support member as positively recited by claim 7. Independent claim 7 is allowable over the AAPA.

No other rejections are presented against independent claim 7, and therefore, claim 7 is allowable.

Claims 2-4, 8 and 57-65 depend from allowable independent claim 7, and therefore, the dependent claims are allowable for depending from an allowable independent claim.


Regarding the rejection against dependent claim 60 based on Huang, claim 60 recites "the adhesive structure comprising dielectric material." The Examiner relies on teaching of Huang to adhering material 122 to teach the positively recited adhesive structure. However, Huang teaches "[a]n adhering material 122, for example, thermally conductive paste or tape, is selected to provide good heat conductance." (col. 3, lines 60-65). The **thermally conductive** teaching of Huang provides no teaching to whether the

adhering material 122 is "dielectric material" as positively recited by claim 60. Accordingly, claim 60 is allowable.

This application is now believed to be in immediate condition for allowance, and action to that end is respectfully requested. If the Examiner's next anticipated action is to be anything other than a Notice of Allowance, the undersigned respectfully requests a telephone interview prior to issuance of any such subsequent action.

Respectfully submitted,

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By: 
D. Brent Kenady
Reg. No. 40,045